

**DESCRIPTION**

This CCA watershed flows into the 'Jughandle Cove' Area of Special Biological Significance (ASBS), which has 1.5 miles of coastline, including Jughandle Cove at the mouth of Jughandle Creek. This CCA is located between the cities of Fort Bragg and Mendocino, in Mendocino County. This largely natural watershed includes Jug Handle State Reserve, managed by the California Department of Parks and Recreation, and the Pygmy Forest Ecological Staircase trail. This is a popular location for recreation, education, and scientific study.

The watershed includes State Highway 1, which crosses over Jug Handle Creek approximately 100 meters upstream of the ASBS. Jughandle Creek may be a source of sediment load in the winter, due to past logging operations. Homes in the area have septic systems, and there is also a lumber mill that may contribute pollutants to the watershed. With the exception of Non Point Source (NPS) runoff from the Reserve's parking lot and associated access trail, there are no other potential sources of pollutants known to drain directly into the ASBS.



Jughandle Cove

(Photo courtesy State Water Resources Control Board).

For more photos, visit the California Coastal Records Project:  
[www.californiacoastline.org](http://www.californiacoastline.org).

**REASON FOR CCA IDENTIFICATION**

This watershed flows into the 'Jughandle Cove' Area of Special Biological Significance (ASBS), which is a State Water Quality Protection Area.

**POLLUTED RUNOFF CONDITIONS**

Selected Coastal Zone Waterbodies	<u>Top 5 Runoff Pollutants of Concern<sup>1</sup></u>					Efforts to Address Pollutants (See next page)
	<u>Sediment</u>	<u>Bacteria</u>	<u>Nutrients</u>	<u>?</u>	<u>?</u>	
Jughandle Creek ▲	▲	▲	▲			
<b>Potential Sources of Pollutants in Coastal Waterbodies</b>						
<b>Agriculture</b>						b
<b>Forestry (Silviculture)</b>	▲					a
<b>Urban Areas</b>						c
➤ Urban Runoff/Storm Sewers	▲					
➤ Septic Systems		▲	▲			
<b>Marinas &amp; Boating</b>						
<b>Hydromodification</b>						
<b>Wetlands &amp; Riparian Areas</b>						

<sup>1</sup>Information on sediment, bacteria, and nutrients as pollutants of concern is from the North Coast Regional Water Quality Control Board.

## Jughandle Cove CCA

### MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

<b>a)</b>	<b>Friends of Daugherty Creek and Big River</b>			
	Big River Watershed Council	Els Cooperrider	(707) 937-1662	
	➤ Forest advocacy organization.			
<b>b)</b>	<b>Mendocino County Resource Conservation District</b>			<a href="http://mrcd.ca.nacdnet.org/">http://mrcd.ca.nacdnet.org/</a>
		Janet Olave & Chamise Cubbison	(707) 468-9223	<a href="mailto:janet-olave@ca.nacdnet.org">janet-olave@ca.nacdnet.org</a> <a href="mailto:Chamise-Cubbison@ca.nacdnet.org">Chamise-Cubbison@ca.nacdnet.org</a>
	➤ The mission of MCRCD is to provide local leadership in the conservation of soil, water, and related natural resources through programs and partnerships with individuals, businesses, organizations and government			
<b>c)</b>	<b>Restructuring Mendocino County Water Agency</b>			<a href="http://cemendocino.ucdavis.edu/Watershed%2DNatural%5FResources">http://cemendocino.ucdavis.edu/Watershed%2DNatural%5FResources</a>
	University of California Cooperative Extension – Mendocino County	Greg Guisti	(707) 463-4495	<a href="mailto:cemendocino@ucdavis.edu">cemendocino@ucdavis.edu</a>
	➤ Project team adapted approaches of strategic and participatory planning to provide a process for interested parties in the county to provide input and direction for the restructuring of the Mendocino County Water Agency.			

### REGULATORY/PLANNING JURISDICTIONS

➤ Mendocino County, Planning Dept.	<a href="http://www.co.mendocino.ca.us/planning/">http://www.co.mendocino.ca.us/planning/</a>	Charles Hudson	(707) 964-5379	<a href="mailto:HUDSONC@co.mendocino.ca.us">HUDSONC@co.mendocino.ca.us</a>
➤ Mendocino County Water Agency		Roland Sanford	(707) 463-4589	<a href="mailto:sanfordr@co.mendocino.ca.us">sanfordr@co.mendocino.ca.us</a>
➤ Calif. Coastal Commission, Water Quality Unit	<a href="http://www.coastal.ca.gov/nps/npsndx.html">http://www.coastal.ca.gov/nps/npsndx.html</a>	Vanessa Metz	(707) 445-7873	<a href="mailto:vmetz@coastal.ca.gov">vmetz@coastal.ca.gov</a>
➤ North Coast Regional Water Quality Control Board, NPS Complaint Response	<a href="http://www.waterboards.ca.gov/northcoast/">http://www.waterboards.ca.gov/northcoast/</a>	Diana Henrioulle-Henry	(707) 576-2350	<a href="mailto:dhenrioulle-henry@waterboards.ca.gov">dhenrioulle-henry@waterboards.ca.gov</a>
➤ State Water Resources Control Board, ASBSs	<a href="http://www.swrcb.ca.gov/plnspols/oplans/asbs.html">http://www.swrcb.ca.gov/plnspols/oplans/asbs.html</a>	Connie Anderson	(916) 341-5280	<a href="mailto:csanderson@waterboards.ca.gov">csanderson@waterboards.ca.gov</a>
➤ California Coastal Conservancy	<a href="http://www.coastalconservancy.ca.gov/">http://www.coastalconservancy.ca.gov/</a>	Karyn Gear	(510) 286-4171	<a href="mailto:kgear@scc.ca.gov">kgear@scc.ca.gov</a>
➤ Calif. State Parks, Jughandle State Reserve	<a href="http://www.parks.ca.gov/v/default.asp?page_id=441">http://www.parks.ca.gov/v/default.asp?page_id=441</a>	Peter Warner	(707) 937-5804	<a href="mailto:pwarn@mcn.org">pwarn@mcn.org</a>
➤ Calif. Dept. of Fish & Game	<a href="http://www.dfg.ca.gov/">http://www.dfg.ca.gov/</a>	Pete Kalvass	(707) 964-9080	<a href="mailto:pkalvass@dfg.ca.gov">pkalvass@dfg.ca.gov</a>
➤ Caltrans, Stormwater Management	<a href="http://www.dot.ca.gov/hq/env/stormwater/">http://www.dot.ca.gov/hq/env/stormwater/</a>	Alex Arevalo	(707) 445-6600	<a href="mailto:Alex_Arevalo@dot.ca.gov">Alex_Arevalo@dot.ca.gov</a>